

Amendments to the claims

1. (currently amended) A burnt refractory ceramic product with the following mineralogical phases:

1.1 a) 70-98% by weight of a stoichiometric MgO-Al₂O₃ spinel,

1.2 b) 1-15% by weight of forsterite,

1.3 c) 1-15% by weight of periclase,

1.4 d) Up to 10% by weight of other,

wherein the total is 100% by weight.

2. (currently amended) The product according to Claim 1, with the following mineralogical phases:

2.1 e) 70-97% by weight of a stoichiometric MgO-Al₂O₃ spinel,

2.2 f) 1-10% by weight of forsterite,

2.3 g) 1-10% by weight of periclase,

2.4 h) 1-10% by weight of ZrO₂ and/or at least one Ca-Al oxide phase,

wherein the total is 100% by weight.

3. (previously presented) The product according to Claim 1, with a density > 3.35 g/cm³.

4-9. (canceled)